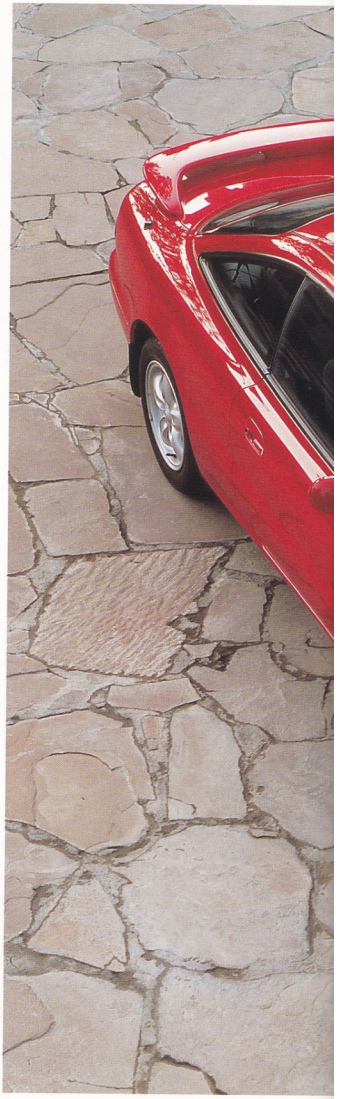
Mazda MX-6

Even standing still, it inspires

With the new Mazda MX-6, you'll enjoy all the flair of a sports coupé together with luxury and comfort. In motion, it matches its exhilarating V6 acceleration and crisp handling.

What's more, the new Mazda MX-6 is even safer, quieter, and friendlier than ever to the environment. Summed up, it is a totally new type of sports-speciality car that turns high-speed cruising into a sheer pleasure. But, you don't need to move into the fast lane to be moved by it. Even standing still, it's a sensation.



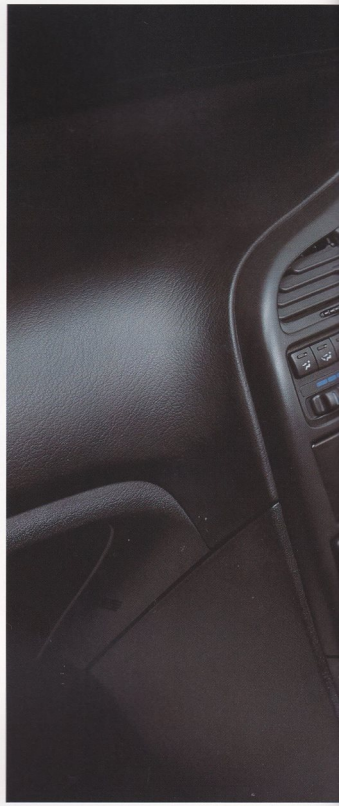
Dual chrome tailpipe ends

Mazda MX-6 New Series

Mazda MX-6

Take control

Slip into the sporty seat of the new Mazda MX-6. Ergonomically sculptured, it's firm and supporting. Upfront, large analogue gauges provide easy, instant read-out. Logically laid out, all controls face the driver at right angles. And the gear lever is short and stout for crisp gear changes. Low hip positions are matched by the low bonnet and the low dashboard for maximum visibility. Even sitting still, you'll know that you've stepped into a new experience.



Electric outside mirror

Switch cluster

In the depths of luxury

Don't be fooled by the low, sleek silhouette. True, the new Mazda MX-6 has the unmistakable look of a 2-seater sports coupe. Inside, however, you'll find far more space than you would imagine.

The secret lies in the combination of the extra-long wheelbase and one of the widest tracks in this class. Seating is designed to minimize fatigue. Coupled with wraparound comfort, it turns a long journey into a pleasure. And the new, modern upholstery fabrics also deliver a distinct feel of quality.

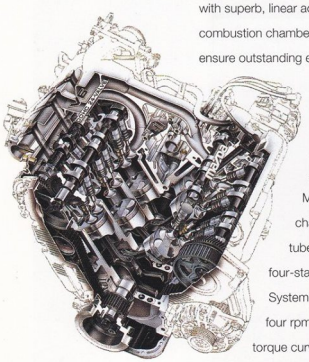
Electric tilt-up sun-roof

Illuminated door key cylinder

Door courtesy light

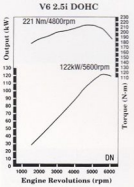
Power of efficiency

Propelling the new Mazda MX-6 is a V6 2.5 litre engine which is extremely efficient and responsive.

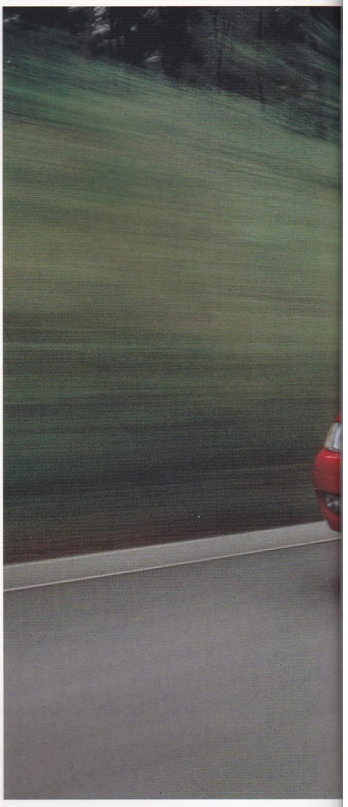


The V-shaped 6-cylinder 2.5 litre engine is silky smooth with superb, linear acceleration. The optimum combustion chamber design and spark plug layout ensure outstanding efficiency, while the two-piece construction of the aluminium cylinder block keeps engine noise at a low level.

Also contributing to power is Mazda's unique induction system. By changing the volume of the resonance tube according to engine speed, the four-stage Variable Resonance Induction System maximizes torque in each of the four rpm ranges. The result is a high, flat torque curve. Furthermore, fitted with a 16-bit microprocessor, the integrated engine management system precisely controls key functions, thus making the engine extremely fuel efficient as well as quiet.



What's more, its emissions are cleaner than most other comparable engines in the market. Little wonder then that the new Mazda MX-6 already satisfies the 1996 EC emission regulations, as well as the 1995 EC requirements on exterior noise.

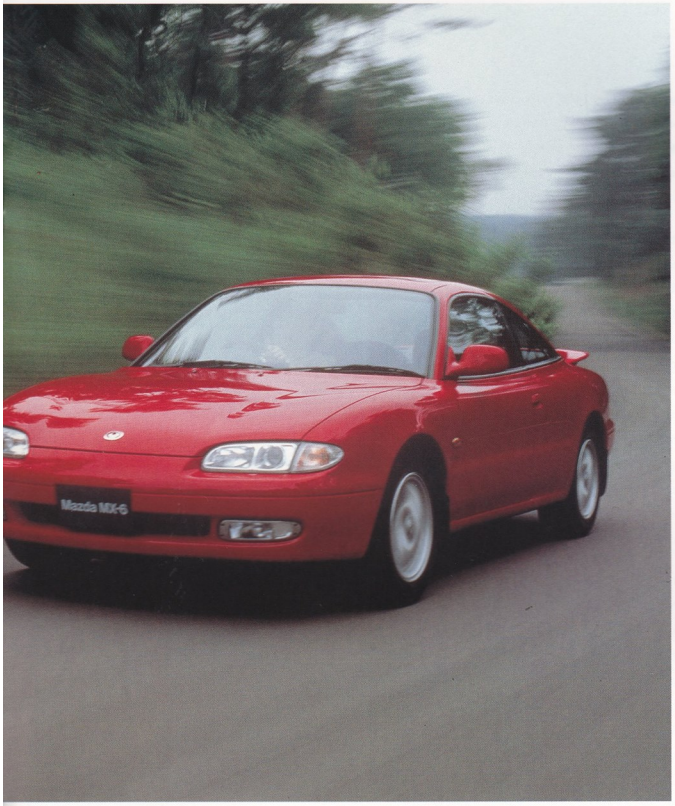


Manual and automatic transaxle

The new Mazda MX-6's superb level of efficiency is also maintained in the way power is transmitted to the wheels. The 5-speed manual transaxle features a smooth yet sporty shift feel. The V6 model has a extremely smooth 4-speed, electronically controlled automatic transaxle. When the driver depresses the accelerator fully, the power mode is automatically selected for brisk acceleration. Further, the hold mode allows the sporty feel of manual shifting as well as an easy start from rest on slippery surfaces.

Manual transaxle

Automatic transaxle


Mazda MX-6

Hold the road

Agility and stability. Who says you can't have it both ways? With the new Mazda MX-6, you'll enjoy sporty, agile footwork together with the comfort and confidence of a luxury car.

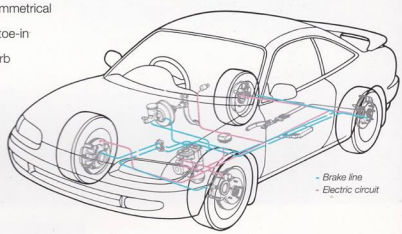
The secret lies in our highly acclaimed all-independent suspension system that takes full advantage of the Mazda MX-6's extra-wide tracks. In fact, the new Mazda MX-6's suspension redefines the standards in all areas - ranging from high-speed stability and cornering performance, to quietness and ride feel. In the front suspension, the finely tuned geometry of the MacPherson struts ensures top-class, straight-line stability and ride comfort. A high level of lateral rigidity translates into crisp handling. All these and other advanced features, when combined, ensure superb cornering performance, with hardly noticeable roll and no undesired residual sway.

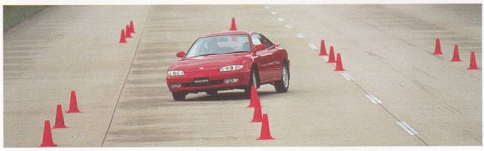
The rear suspension of the Mazda MX-6 incorporates Mazda's Twin Trapezoidal Linkage. With asymmetrical bushings, this configuration induces a slight toe-in under high lateral forces. The pay-off is superb stability during hard cornering or rapid lane changing. The long, unequal length lateral links help to minimize changes in roll centre height, while urethane bump stoppers minimize the maximum roll angle, thus allowing greater grip and ride feel.

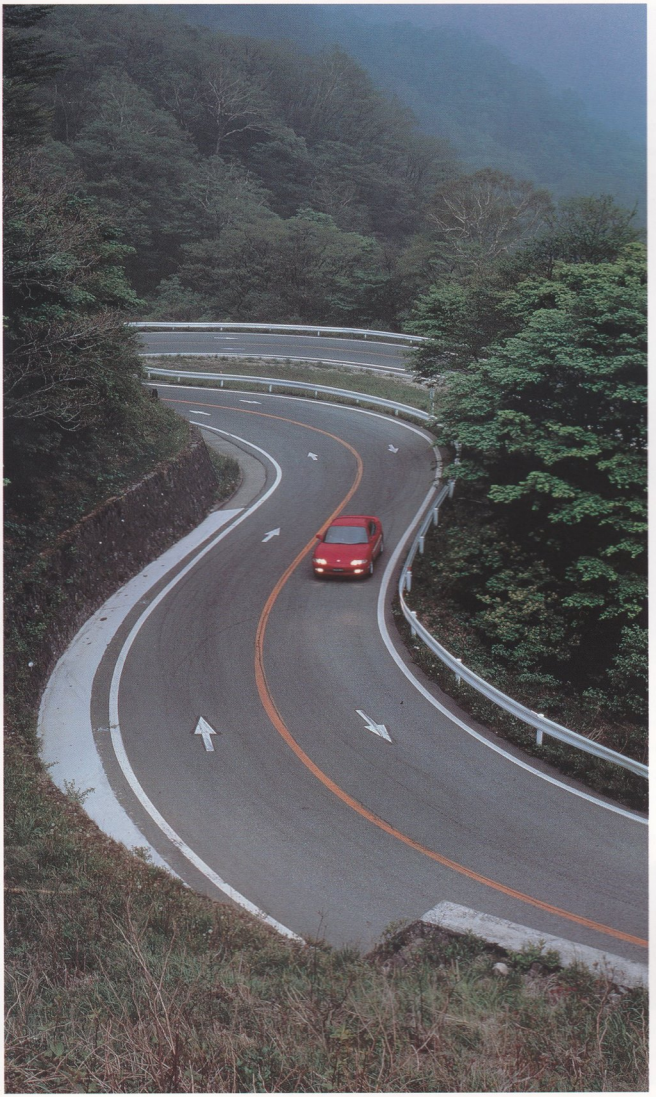
The Mazda MX-6's superb agility, on the other hand, comes from its rack-and-pinion steering. When combined with a high-rigidity cross member and rigid body, it ensures crisp, smooth handling. In addition, engine-speed sensing power steering is standard for ease of control.

Impeccable deceleration is also an integral part of the new MX-6's impeccable road manners. Thus, a four-wheel disc brake system is standard to make stopping surer even during high-speed driving. Not only is it dependable, it has a brake feel that's extremely natural. The front discs are ventilated to maintain consistent performance. A 4-sensor, 3-channel anti-lock braking system is standard, too, on every new Mazda MX-6, for the utmost in braking control even on slippery surfaces.

4W-ABS *4-Wheel, Anti-Lock Brake System*





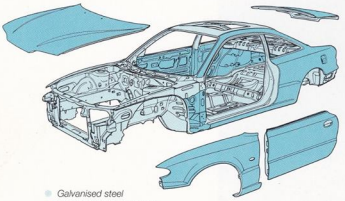


Rear spoiler

Survival of the fittest

We know that those who drive a sports car, such as our Mazda MX-6, can be quite demanding. Therefore, high-speed stability is a must. Precise handling is essential to give a high level of ride comfort, too.

Technically speaking, it all comes down to something so fundamental - the car body. That's why every new Mazda MX-6 is built on a super-monocoque body construction that boasts outstanding dynamic rigidity - to meet all those requirements.

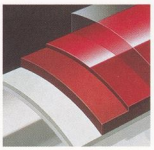


Galvanised steel
Organic-resin coated steel

Instrumental in identifying the optimum design for a highly rigid car body was the Finite Element Method (FEM) and other forms of simulation - all using a supercomputer. Numerical data was then double checked against data provided by experienced test drivers who put in many thousands of kilometres on proving grounds.

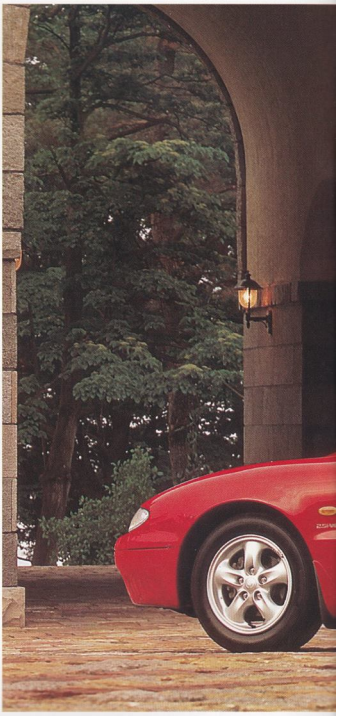
The super-monocoque body of the Mazda MX-6 is thus fitted, for example, with straight longitudinal front frames, side sills with large cross sections, and the one-piece construction of the outer side-frame - all contributing to dynamic rigidity.

The pay-off is an outstanding level of handling and ride comfort. The ultra-rigid car body also cuts noise and vibration at the source, to produce one of the quietest passenger compartments in its class.

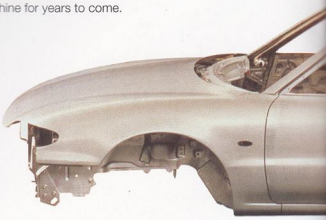


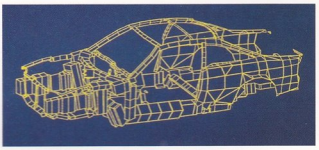
Paint layers

Every new Mazda MX-6 is built to last, too. Galvanized steel panels are used extensively, and many of the outer panels are organic-resin coated, to ensure one of the highest levels of anti-corrosion capabilities. In all, these surface-treated panels account for approximately 80% of the total sheets used in the car body. Furthermore,



the combination of a multi-layer coating and the high-grade top coating gives the car a brilliant, chip-resistant finish. Put together, it all adds up to the exceptional ability of the new Mazda MX-6 to hold its shine for years to come.

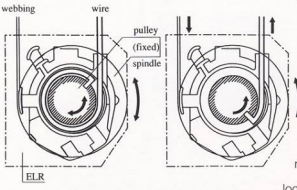




Super-monocoque body frame

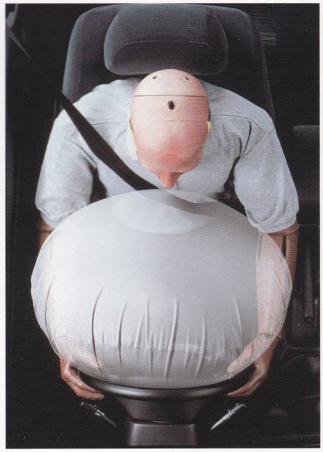
Elements of confidence

At Mazda, we believe that performance is an integral part of safety. The Mazda MX-6's outstanding high-speed stability gives the driver confidence which is so important in a sports speciality car. Superb visibility and the fumble-free switch layout are also essential to safe driving. Likewise, accurate handling is a must for placing greater control in the hands of the driver.



Dependable braking is also indispensable to avoiding the avoidable, and that's why every Mazda MX-6 is equipped with ABS. By reducing the chance of wheel locking during braking, it helps you maintain steering control even in a panic stop in rain, or on slippery surfaces. When called upon to do so, the 4-sensor, 3-channel anti-lock brake system can adjust brake pressure at a rate even the most skilled professional driver cannot attain. Little wonder such an advanced mechanism makes the Mazda MX-6's ABS one of the most dependable in this class. The net result is predictable, confident braking under a variety of conditions.

Side impact bar



However, should an accident occur, an array of passive safety measures help to protect you. The Mazda MX-6's crumple zones, for example, gradually absorb impact, while the highly rigid cabin allows minimum deformation to provide the maximum survival zone. To identify the optimum combination, various types of collisions were computer-simulated, and the prototypes were then put through a series of collision tests.

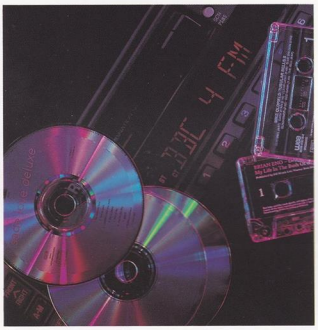
Seat-belts are also essential to passive safety, as they continue to be one of the most effective restraining systems. That's why in every Mazda MX-6, three-point seat-belts are standard at both front and rear. The front-seat occupants also benefit from a pre-tensioning system. It tightens the seat-belts instantly when the sensor detects a severe frontal impact. To supplement the seat-belt, an airbag is fitted as standard on the driver's side. The full-size airbag cushions the upper body, in severe frontal impacts, to help prevent serious injuries.

Side doors are fitted with door beams, made of high-tensile steel. So while you enjoy the feel of a sporty drive, you'll also enjoy the confidence knowing your passengers are as secure as can be.

Accessories for your new Mazda MX-6

Mazda has developed a range of tailor-made quality accessories to enhance your Mazda MX-6 adding individuality and a unique style.

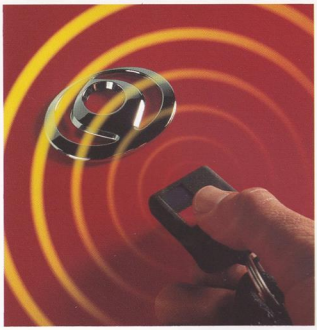
The accessories shown are a selection from a wide range of distinctive options including audio upgrades, air conditioning and security to increase your vehicle's versatility, comfort and protection.



Air Conditioning. All year air conditioning control at your fingertips, exclusively designed to integrate perfectly with your car's heating and ventilation system, keeping you cool in the summer and your windows clear of condensation in the winter.

Audio Upgrade. The latest technology allows you to create exceptional sound quality in your Mazda with a choice of audio upgrades.

Alarm System. Protect your MX-6 with a Finish Line alarm system, operated by a remote controlled hand set, offering advanced design technology to provide an effective deterrent against theft.

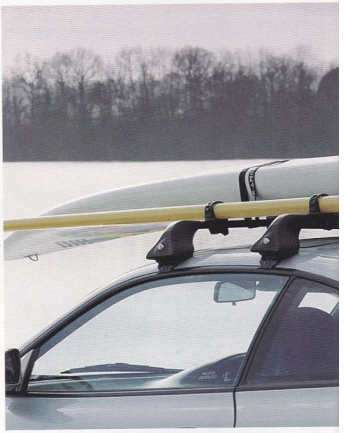


Accessories for your new Mazda MX-6

Sunroof Visor

Headlamp Protector Set

Fog-Lamp Protector Set



Sailboard Attachment

Boot Liner

Luxury Car Mats

Rear Sun Shade

Warning Triangle

Roof Rack

Alloy Wheel Rim

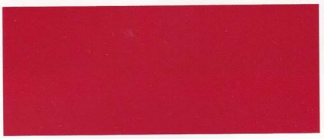
Alloy Wheel Rim

Scuff Plate

Accessories for your new Mazda MX-6

EXTERIOR COLOURS

Classic Red



SU

Silver Stone Metallic

3L

Noble Green Mica

VQ

Brilliant Black

PZ

STANDARD INTERIOR TRIM

Flecked Black Cloth Trim

† *Optional Light Grey Leather (4181)*

† *Optional Taupe Leather (4186)*

† *Optional Black Leather (4108)*

† *Optional Anthracite Leather (4201)*

† *Optional Mist Leather (3672)*

† *Optional Tan Leather (4311)*

† *Connolly Leather trim available as a customer option at extra cost*

EQUIPMENT LIST	New series MX-6
EXTERIOR	
Steel Electric Tilt/Slide Sunroof	○
Windscreen Laminated and Tinted	○
Heated Rear Window with Timer	○
Time Adjustable Intermittent Wipers - Front	○
Halogen Headlamps	○
Projector Headlamps	○
Headlamp Levelling	○
Front Fog-Lamps	○
Rear Fog-Lamp	○
Colour-Keyed Electric Outer Door Mirrors	○
Heated Outer Mirrors	○
Colour-Keyed Rear Spoiler	○
Remote Fuel-Lid Opener	○
Key Operated Integrated Tailgate and Passenger Door Central Locking Facility	○
Colour-Keyed Mud Guards - Front	○
Colour-Keyed Mud Guards - Rear	○
Tyres: 205/55R15 87V	○
Alloy Wheels - 15 x 6.5JJ	○
Locking Wheel Nuts	○
Ful Size Spare Tyre	○
Colour-Keyed Outer Door Handles	○
Colour-Keyed Front and Rear Bumpers	○
Heavy Duty Anti-Rust Treatment	○
PVC Coating	○
Grade Ornament 2.5i V6 (Driver's Side)	○
Driver's Door Key Cylinder Illumination	○
Rear Stabiliser	○
Power Steering (RPM Sensing)	○
Anti-Lock Braking System	○
65 Ah Battery	○
Front Number Plate Holder	○
INTERIOR	
Ignition Key Cylinder Illumination	○
Tilt Steering	○
Driver's Side Full Size Airbag	○
Front Seat Belt Pre-tensioners	○
Tachometer	○
Panel Light Control	○
Safety Panel	○
Quartz Digital Clock	○
Headlamp-On Reminder Buzzer	○
Lockable Glove Box w/Lamp	○
Front Console w/Cassette Case	○
Illuminated Cigarette Lighter and Ashtray	○
High Back Bucket-Type Front Seat	○
Fold-Down Rear Seat 60:40 Split	○
Front and Rear Seat-Belts	○
Power Windows	○
Central Locking	○
Room Lamp w/Map Lights	○
Door Courtesy Lamps	○
Boot Lamp	○
Driver's Sun Visor w/Ticket Holder	○
Passenger Sun Visor w/Vanity Mirror	○
Electric Antenna and 6 Speaker Audio System	○
Clarion RDS Radio Cassette Unit	○
Electronic Heater Control	○
Side Impact Protection Door Beams	○
Cloth Headlining	○
Front Seat Reclining Ratchet	○
Full Front Seat Headrest Adjustment	○
Driver's Seat Height Adjustment	○
Cloth Moulded Door Trim - Front	○
Moulded Type Door Arm Rest	○
Driver's Side Door Pocket	○
Driver and Passenger Rear Seat Map Pockets	○
Security Window Etching	○

SPECIFICATIONS		New series MX-6
DIMENSIONS & WEIGHTS		
Overall Length	(mm)	4615
Overall Width	(mm)	1750
Overall Height	(mm)	1310
Wheelbase	(mm)	2610
Track, Front	(mm)	1500
Rear	(mm)	1500
Kerb Weight, Approx.		
Manual	(kg)	1245
Automatic	(kg)	1280
Max. Roof Loading	(kg)	100
TOWING CAPACITY		
Trailer With Brakes (Without Brakes)	(kg)	1500 (550)
Max Ball Weight	(kg)	75
Max Gross Weight Manual (Automatic)	(kg)	1620 (1655)
ENGINE		
Type		V 6 Transverse
No of Valves/Camshafts		24V/DOHC
Bore x Stroke	(mm)	84.5 x 74.2
Displacement	(cc)	2497
Compression Ratio		9.2:1
Max Power Output	DIN	bhp(kW)/rpm 164(122)/5600
Max Torque	DIN	lb ft(Nm)/rpm 163(221)4800
Fuel Type		Unleaded
Fuel System		Multipoint Injection With Catalytic Converter
Fuel Tank Capacity	(litres)	60

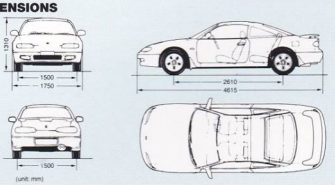
DRIVETRAIN			
Transmission Type:		Manual	Automatic
Gear Ratio	1st	3.307	2.800
	2nd	1.833	1.540
	3rd	1.310	1.000
	4th	1.030	0.700
	5th	0.795	-
	Reverse	3.166	2.333
Final Gear Ratio		4.105	4.157

CHASSIS & SUSPENSION		
Frame		Steel Monocoque
Suspension Type: Front		Independent MacPherson struts with coil springs
Suspension Type: Rear		Independent MacPherson struts with twin trapezoidal links,coil springs and anti roll bar
Steering Type		Power Assisted, Engine Speed Sensing Rack and Pinion
Turning Circle Wall to Wall	(m)	11.4
Brakes, Front Type		Ventilated Disc
Rear Type		Solid Disc
Handbrake		Mechanical On Rear Brakes
Wheels Size		15 x 6.5JJ
Tyres Size		205/55R 15 87V

PERFORMANCE			
Max Speed	mph (km/h)	138 (220)	129 (207)
0-62mph (100km/h)	secs	8.5	10.2

FUEL CONSUMPTION		Manual	Automatic
Urban Cycle mpg	(l/100km)	23.7 (11.9)	23.2 (12.2)
Constant 56mph mpg	(l/100km)	41.5 (6.8)	42.2 (6.7)
Constant 75mph mpg	(l/100km)	32.8 (8.6)	32.1 (8.8)

DIMENSIONS



All specifications and equipment described in this catalogue are subject to change without notice and may vary according to locale. Please consult your local Mazda dealer.

Finish Line

Accessories

There is a range of Mazda Finish Line accessories for each model in the Mazda range. For more information contact your local Mazda dealer.

Mazda Approved

Motor Insurance

Complete quotations are available through the dedicated Mazda Insurance Scheme. Full details are available by telephoning 0645 323626 or by speaking to your local Mazda dealer.

Mazda Finance

Finance Schemes

Mazda offer a comprehensive range of finance schemes including:
Elect - the Mazda Personal Purchase Plan.
Mazda Vehicle Contracts - tailored to meet your business needs.
Full details on all schemes available from your local Mazda dealer.

Tax Free

Personal Export, Diplomatic & Military Sales

Significant savings are available for those who qualify, with schemes tailored to suit individual needs. For further information telephone 0892 502537.

Warranty Plus

3 Year Cover

Every Mazda is designed and built to the highest standards of performance, comfort and reliability. For your further reassurance Mazda also provides a full 3 year/60,000 miles* warranty cover including Mazda European roadside assistance and a six-year anti-perforation warranty....

* There is no mileage limit during the first year of the warranty.

Extended

New Vehicle Extended Warranty

At any time during the period of manufacturer's warranty you may purchase an extended package. The options are an additional 12 or 24 months cover or a 'top-up' mileage facility for up to a maximum of 100,000 miles.

For further information please see your local Mazda dealer. Mazda Cars (UK) Limited reserves the right to introduce at any time, alterations in design or construction, changes of detail, equipment and accessories. To avoid any misunderstanding any person interested in purchasing a vehicle should enquire of a Mazda dealer as to whether there have been any material alterations since the date of issue of this brochure, October 1994.

mazda

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Part No. MCAG 834